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Dated: 9/3/04

Signature: Paula Depelteau

(Paula Depelteau)

1631  
Jew  
Docket No.: BURF-P01-010  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Preparata et al.

Application No.: 09/416,779

Filed: October 13, 1999

Art Unit: 1631

For: SYSTEMS AND METHODS FOR  
SEQUENCING BY HYBRIDIZATION

Examiner: L. Clow

**RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants received a Notice of Non-Compliant Amendment (37 CFR 1.121) mailed August 20, 2004 for the above-captioned matter. A copy of this Notice is enclosed.

Applicants respectfully resubmit the attached Amendment (Attachment A) to replace the Amendment filed on August 5, 2004. Said Amendment has been corrected by giving each claim the proper status identifier.

Applicants believe no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 18-1945, under Order No. BURF-P01-010 from which the undersigned is authorized to draw.

Dated: September 3, 2004

Respectfully submitted,

By John D. Quisel

John D. Quisel

Registration No.: 47,874

ROPES & GRAY LLP

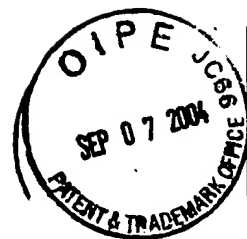
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Attorneys/Agents For Applicant



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For: SYSTEMS AND METHODS FOR  
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**ATTACHMENT A: REVISED AMENDMENT IN RESPONSE TO**

**NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

This Revised Amendment is filed in response to the Office Action dated April 5, 2004, and the Notice of Non-Compliant Amendment dated August 20, 2004. This Amendment is revised only to change the status identifiers of certain claims from "allowed" to "previously presented". The undersigned hereby authorizes any fees which may be due in connection with the present paper to be charged to Deposit Account 18-1945.

Please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.